

**Proposed Amendments to the Select Claims:**

14. **(Currently Amended):** A method of detecting a last bit in a bit vector comprising:  
determining a highest active bit position in said bit vector;  
determining a lowest active bit position in said bit vector;  
comparing said highest active bit position and said lowest active bit position and when equal  
determining that said bit vector contains just one active bit;  
wherein said lowest and highest bit positions are encoded as n-bit values, where  $2^n$  indicates the width of said bit vector.
- 18 **(Currently Amended):** A traffic management device comprising:  
a master sequence number that increments when a port selection cycle is completed;  
a scheduler that reads polling parameters corresponding to port ids and selects ports for polling  
based on said parameters;  
a poller for issuing polls to ports; and  
a queue controller for emitting data units to ports that respond affirmatively to said polls;  
wherein said parameters include a port active parameter and wherein ports are not selected if said port active parameters indicates there is no data to send to said port;  
wherein ports are not selected if said port sequence parameter does not match a specified number of bits of said master sequence number.